

# (12) United States Patent Song et al.

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## (54) PLASMA DISPLAY PANEL DRIVING METHOD

345/62, 63, 147, 103, 89, 68, 69, 209; 315/169.4

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| (*) | Notice: | This patent issued on a continued pros-    |
|-----|---------|--|
|     |         | ecution application filed under 37 CFR     |
|     |         | 1.53(d), and is subject to the twenty year |
|     |         | patent term provisions of 35 U.S.C.        |

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U.S.C. 154(b) by 0 days.

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## ABSTRACT

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Provided is a method of driving a plasma display panel, which is a sub-field driving method for the plasma display panel with scan and addressing drive signals, including the steps of: a) dividing scan lines of a field into at least two areas, and scanning the areas; b) displaying a sub-field by applying different address pulses to the respective areas during the scanning; and c) repeating the preceding steps to drive the sub-field, thereby displaying the field.

(30) Foreign Application Priority Data

154(a)(2).

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| (51) | Int. Cl.7  | G09G 3/28     |  |
| (52) | U.S. Cl.   |               |  |

## 7 Claims, 21 Drawing Sheets

